DAILY FIELD ACTIVITIES SUMMARY REPORT			
PROJECT NAME: R&H Oil/Tropicana Energy Site, San Antonio, Texas			
Date: 05/08/12	Shift Beginning: 9:30 hours		Shift Ending: 18:30 hours
RAC II Contract No.: EP-W-06-004			Task Order No.: 0074
EPA Region 6 TOM: Chris Villarreal			Project Manager: Ted Telisak
Design Manager: N/A			Site Geologist: Teri McMillan
Design Engineer: N/A			Site Engineer: N/A
Personnel on site	**Name**	**Affiliation**	**Reason for being on site**
EA:	Teri McMillan Jose Flores	EA	Development and Sampling Oversight
Subcontractors:	None		
Other:	Tim Nickels John Brayton	PBW PBW	Environmental Consultant Environmental Consultant

Work Performed

Pastor, Behling & Wheeler, LLC (PBW) is the environmental consultant that is conducting the remedial investigation field activities. EA is providing oversight of field activities on behalf of EPA.

Weather today consisted of heavy rain showers from 1030 to approximately 1300, when rain showers lightened. EA oversaw PBW as they developed well MW-21. Well MW-22 was developed by PBW while EA was collecting soil vapor samples. Wells were developed using Watterra tubing, foot valve and surge block. Wells were developed until field parameters stabilized.

Once rain showers lightened at 1345, vapor sampling began. PBW began by attempting to obtain a vapor sample and duplicate from SG-21. During drilling activities conducted the previous day, it was noted that soil collected from SG-21 consisted of clay and appeared very tight. As a result, PBW had difficulty purging the vapor tubing at SG-21. The summa canister (1 liter) used by PBW to sample SG-21 had an initial vacuum of 29 inches Hg, after 20 minutes connected to soil gas point SG-21 it had a final vacuum of 22 inches of Hg. EA attempted to obtain a vapor sample from SG-21. The summa canister (6 liter) filled, but EA could not fully fill a tedlar bag. PBW then attempted to obtain a vapor sample from SG-22. PBW could not purge the soil gas point, and the summa canister did not change from its initial measurement after approximately 15 minutes attached to SG-22. EA then tried to obtain a vapor sample from SG-22. The summa canister began to fill; however, it was noted that there appeared to be a leak from the connection at the top of the summa canister. EA then tried to fill a tedlar bag from SG-22, but was unsuccessful. Upon assessing the canister connections it appeared that there may have been a leak at the connection on top of the summa canister used at SG-21, as well. The connection on top of the summa canister was modified, and EA verified that the connection was tight. A sub-slab vapor sample was then obtained from SS- 2 located in the on-site building. EA tried to obtain a vapor sample from SG-14; however, the soil was too tight and no sample could be collected. A vapor sample was to be collected from SG-15; however the point was damaged and no sample could be collected.

EA called Chris Villarreal to update him.

Anticipated Activities for the Following Day

PBW will gauge all wells, and begin ground water sampling. EA will split ground water samples from ten select monitoring wells. Possibly collect vapor samples from MW-21 and MW-22.

Report prepared by (name and date)

Teri McMillan 5/8/12

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